KILOMETER POST | SHEET TOTAL TOTAL PROJECT | NO. | SHEET NOTES Caltrans I. Transverse weakened plane joints shall be constructed at right angles to the centerline 4. Dowels shall be placed in the transverse weakened plane joints in portland cement concrete shoulders unless otherwise specified in the Special Provisions. or to the longitudinal pavement joints in new portland cement concrete pavement and etric Deven spaced at successive repeated intervals of 3.6 m, 4.6 m, 4.0 m and 4.3 m. 5. Construct longitudinal weakened plane joints as shown in Section C-C when more than one REGISTERED CIVIL ENGINEER 2. Where Lean Concrete Base is not used as base material, as shown in Section D-D, the lane or shoulder widths are placed at one time. If constructing one lane at a time, use <u>/Kevin M. Herri</u> joint filler material shall only extend to the bottom of the new portland cement longitudinal contact (construction) joint, as shown in Section B-B. October 26,2000 .__<u>C36577</u> concrete slab. 6. Transverse contact (construction) joints shall be installed at the end of all paving operations, and PLANS APPROVAL DATE 6-30-04 elsewhere if ordered by the Engineer. The location of the joint shall coincide with the successive interval he State of California or its officers or 3. 38 mm ø smooth epoxy coated dowels are to be used with a pavement thickness, D, equal rgents shall not be responsible for the accuracy or completeness of electronic copies of this plan to or greater than 215 mm. For a pavement thickness, D, less than 215 mm, use 32 mm ø spacing of transverse weakened plane joints when terminating paving operations. smooth epoxy coated dowels. 7. If fresh portland cement concrete is placed adjacent to existing portland cement concrete, the top corner of the existing portland cement concrete does not need to be rounded to the 6 mm radius, as shown. To accompany plans dated. Existing New PCC Lane Lane Edge of existing lane Edge of lane, tie bars typical (not shown) ∕6 mm R Joint Sealant Transverse Weakened __ 22±I Direction of Travel Plane Joint, See Note I Direction of Travel Existing Smooth expoxy coated dowels on 300 mm 9 centers. See Note 3 Longitudinal Isolation Joint 710 | Variable, Variable, | 710 | 710 | 710 | Variable, Variable, | 710 | 380 Min | 38 Existing Base-See Note 2 Tie Bars 12.5 -Lonaitudinal Joint Joint Filler Smooth expoxy coated See Note 5 Material. dowels on 300 mm SECTION D-D Smooth expoxy coated dowels See Note 2 centers, See Note 3 on 300 mm centers, See Note 3 LONGITUDINAL -Transverse Weakened - Transverse Plane Joint, See Note I Weakened Plane Joint ISOLATION JOINT 710 | Variable, Variable, | 710 | 710 | 710 | Variable, Variable, | 710 | 380 Min | 380 Min | 380 Min | 380 Min 710 | Variable, Variable, | 710 | 710 | 710 | Variable, Variable, | 710 | 380 Min | 38 Smooth epoxy coated dowel spaced at 300 mm centers, l Joint. See Note 6 See Note 3 Fresh PCC New Nardened PCC Tie Bars (B **→** B → Longitudinal Joint See Note 5 -6 mm R Тур See Note 4 See Note Transverse Weakened Transverse Plane Joint, See Note Weakened Plane Joint 35B Base 460 ± 6 PLAN PLAN Edge of shoulder Edge of shoulder TRANSVERSE CONTACT LANE/SHOULDER ADDITION OR RECONSTRUCTION NEW CONSTRUCTION -£ Joint, See Note 5 (CONSTRUCTION) JOINT DETAIL ♣ Joint, See Note 5 -€ Joint → Drill 25 mm ø hole into existing PCC Existing or Fresh PCC Fresh PCC Lane or Shoulder lane. Use epoxy to bond the bar to New Hardened Fresh PCC existing concrete pavement √ #19 Deformed Lane or Shoulder STATE OF CALIFORNIA with bond epoxy coated -See Joint Details, Std Plan A35C DEPARTMENT OF TRANSPORTATION See Joint Details, tie bar breaker. *|9 Deformed epoxy See Note 7 Тур Std Plan A35C Тур coated tie bar PORTLAND CEMENT CONCRETE D Pavement Thickness PCC 70 PAVEMENT (DOWELED TRANSVERSE JOINTS) Base See Alternative NO SCALE Base Base Smooth epoxy coated Tie Bar Detail. dowel, See Note 3 Std Plan A35C ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN SECTION A-A, DOWEL DETAIL SECTION B-B, TIE BAR DETAIL SECTION C-C, TIE BAR DETAIL RSP A35B DATED OCTOBER 26,2000 SUPERSEDES STANDARD PLAN A35B TRANSVERSE WEAKENED _ONGITUDINAL CONTACT LONGITUDINAL WEAKENED PLANE JOINT DATED JULY 1,1999-PAGE 13 OF THE STANDARD PLANS BOOK DATED JULY 1999. REVISED STANDARD PLAN RSP A35B PLANE JOINT (CONSTRUCTION) JOINT